

### Amendments to the Claims

Claims 1-16 (Cancelled)

Claim 17 (Currently amended): A method of transmitting voice sound information comprising:

sensing the voice sound vibrations of ~~the a~~ user through an earpiece ~~adapted to be inserted into the external auditory canal of the user, the earpiece having one or more sensors~~ a bone conduction sensor adapted to convert the voice sound vibrations to electrical signals, and a ~~speech~~ processor operatively connected to the ~~one or more sensors~~ bone conduction sensor, a first transmitter, and a first receiver;

transmitting the voice sound information from the first transmitter to a second receiver disposed within a cradle for supporting a host device, ~~the cradle comprising a base and at least one sidewall to form a cavity for supporting the host device, a connector mounted to the base for matingly connecting with~~ connected to an external connector of ~~the a~~ host device;

receiving the voice sound information at the second receiver; ~~of the cradle.~~

communicating the voice sound information from the second receiver to the host device.

Claim 18 (Original): The method of claim 17 wherein the earpiece does not occlude the external auditory canal of the user.

Claim 19 (New): The method of claim 17 wherein the earpiece further comprises an air conduction sensor electrically connected to the processor.

Claim 20 (New): The method of claim 19 wherein the processor is a speech processor.

Claim 21 (New): A voice sound transmitting system, comprising:

an earpiece comprising (1) a bone conduction sensor adapted to convert vibrations of voice sound information to electrical signals, (2) a processor operatively connected to the bone

conduction sensor, (3) a first transmitter operatively connected to the processor and (4) a first receiver operatively connected to the processor;  
a connector for connecting a second receiver and a second transmitter to a host device;  
the second transmitter and the second receiver adapted for communication with the first receiver and the first transmitter of the earpiece.

Claim 22 (New):      The voice sound transmitter system of claim 21 wherein the host device is a cellular phone.

Claim 23 (New):      The voice sound transmitter system of claim 21 wherein the host device is a computer.

Claim 24 (New):      The voice sound transmitter system of claim 21 wherein the host device is a personal digital assistant.

Claim 25 (New):      The voice sound transmitting system of claim 21 wherein the connector is a headphone-jack type connector.

Claim 26 (New):      The voice sound transmitting system of claim 21 wherein the connector is a serial connector.

Claim 27 (New):      The voice sound transmitting system of claim 21 wherein the connector is housed within a cradle.

Claim 28 (New):      The voice sound transmitting system of claim 21 wherein the earpiece further comprises an air conduction sensor electrically connected to the processor.

Claim 29 (New):      A voice sound transmitting system, comprising:  
an earpiece having (a) a plurality of sensors including a bone conduction sensor, an air  
conduction sensor, (2) a speech processor operatively connected to the plurality of  
sensors, (3) a first transmitter operatively connected to the speech processor and (4) a first  
receiver operatively connected to the speech processor;  
a cradle for supporting a host device wherein the cradle provides for electromagnetic shielding,  
the cradle further comprising a second transmitter and a second receiver for  
communicating with the first receiver and the first transmitter.

Claim 30 (New):      A device for interfacing a phone to a wireless earpiece, comprising:  
a housing;  
a transmitter and a receiver disposed within the housing for wirelessly communicating with the  
wireless earpiece;  
a connector providing connections between the transmitter and receiver within the housing and  
the phone;  
wherein the housing provides electromagnetic shielding.